SEP 15 2003
PATENT & TRADEMARK OFFICE

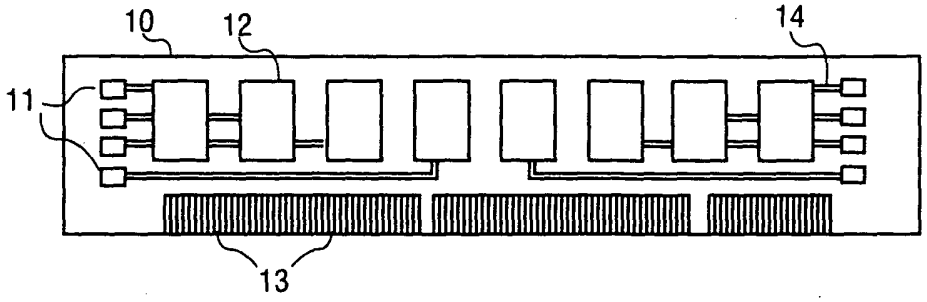


FIG. 1
(PRIOR ART)

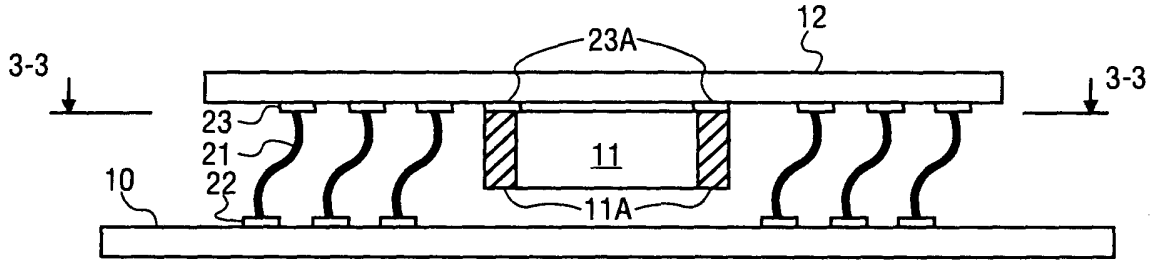


FIG. 2

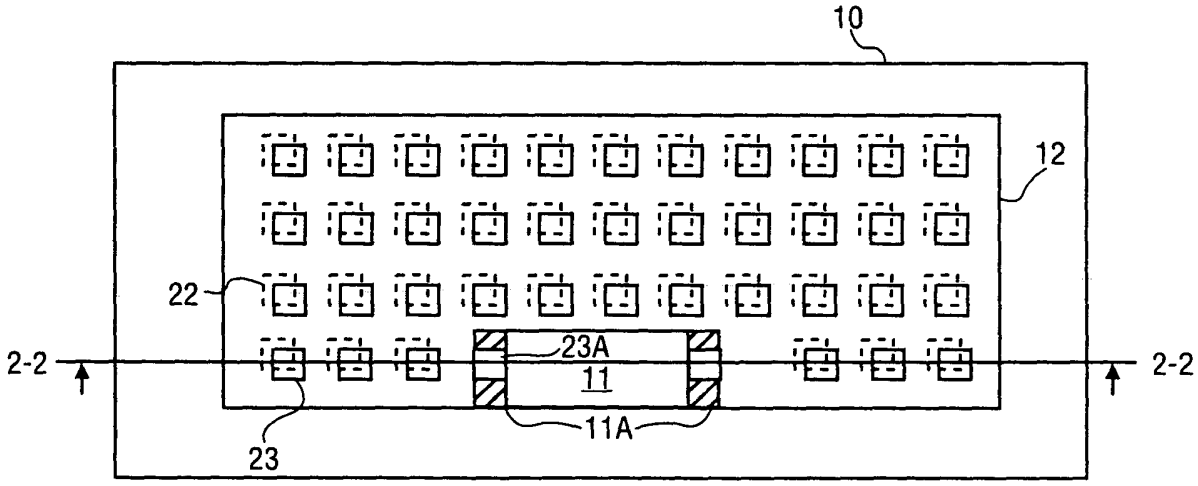


FIG. 3

SEP 1 5 2003
PATENT & TRADEMARK OFFICE

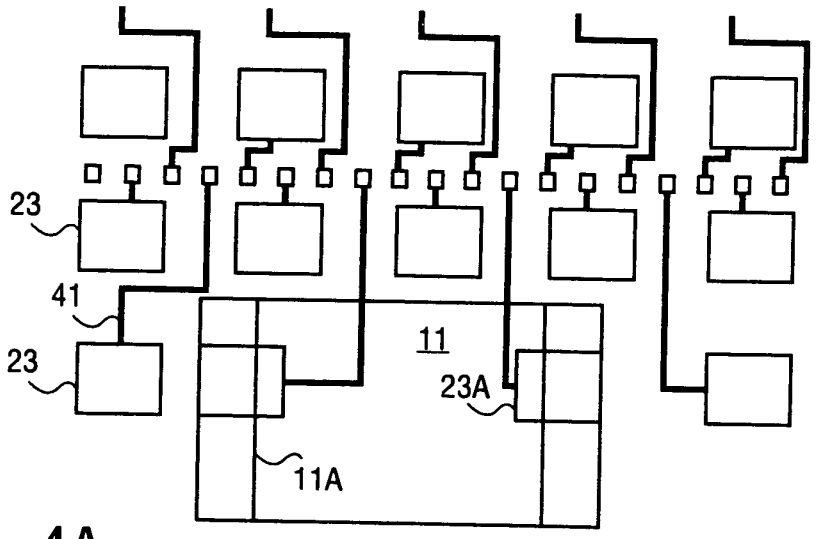


FIG. 4A

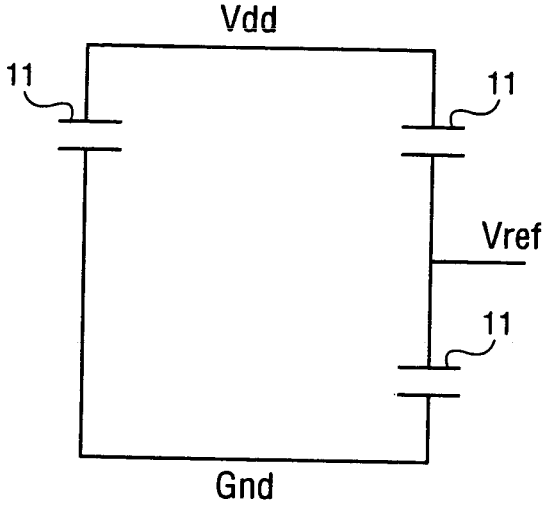


FIG. 7A

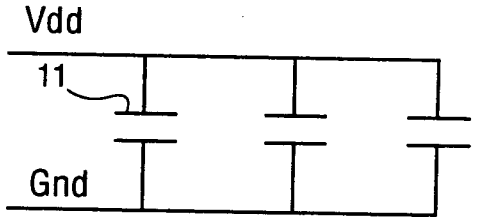


FIG. 7B

OIPE
SEP 15 2003
PATENT & TRADEMARK OFFICE

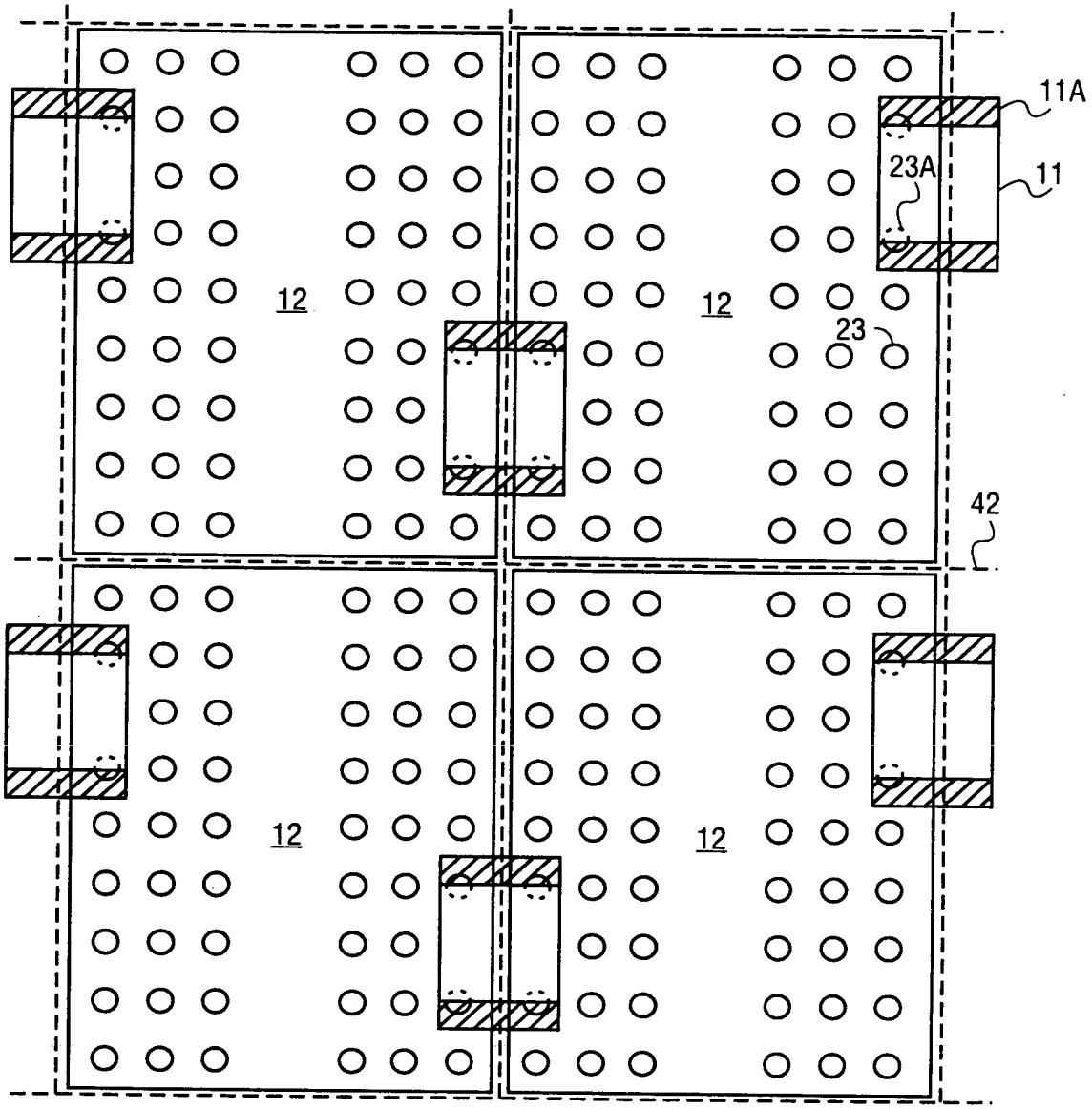


FIG. 4B

SEP 15 2003
PATENT & TRADEMARK

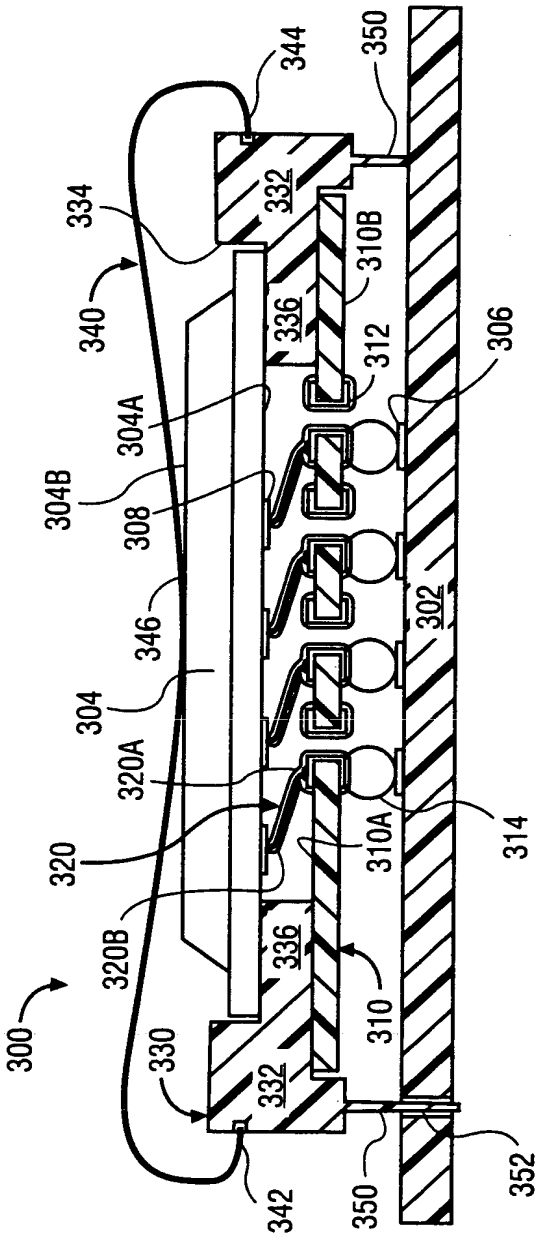


FIG. 5

OIPE JC18
SEP 15 2003
PATENT & TRADEMARK OFFICE

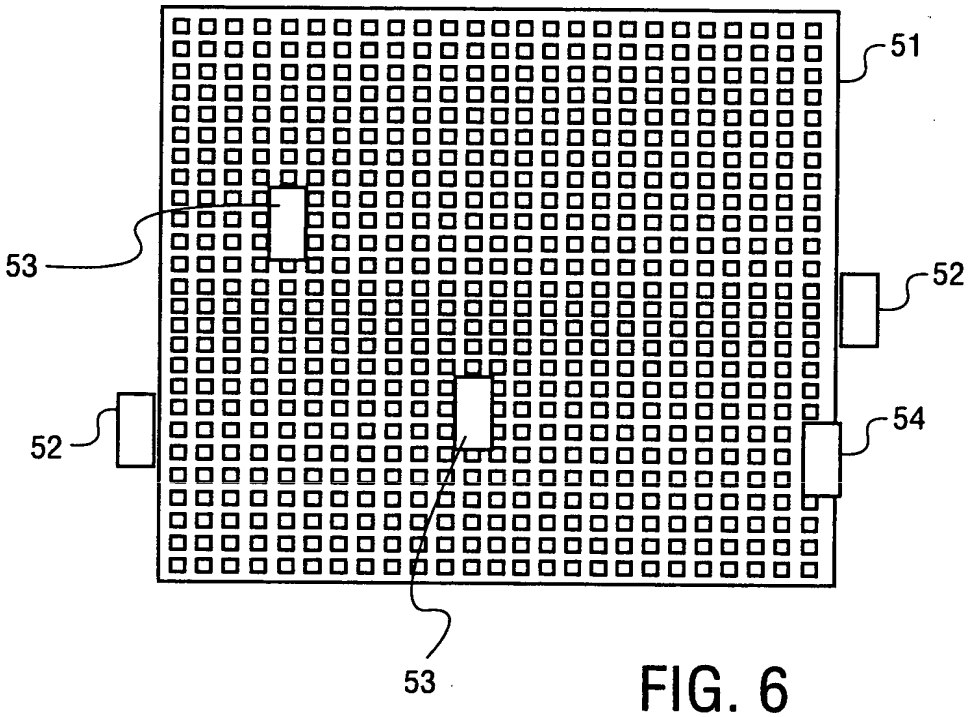


FIG. 6

OIPE JC18
SEP 15 2003
PATENT & TRADEMARK OFFICE

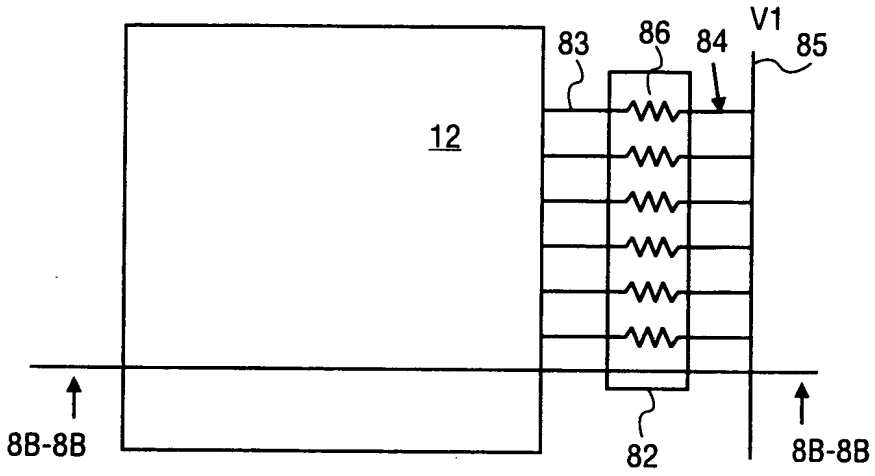


FIG. 8A

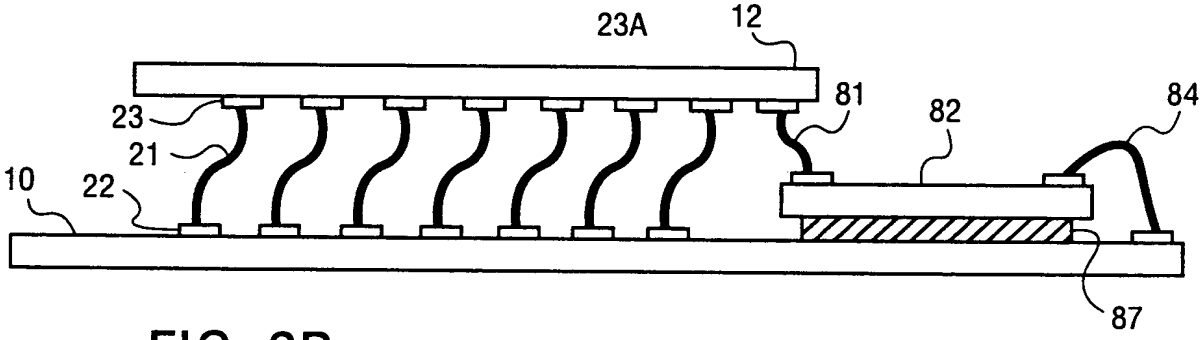


FIG. 8B

SEP 15 2003
PATENT & TRADEMARK OFFICE

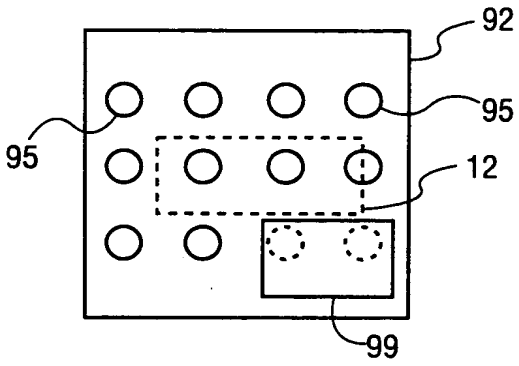


FIG. 9A

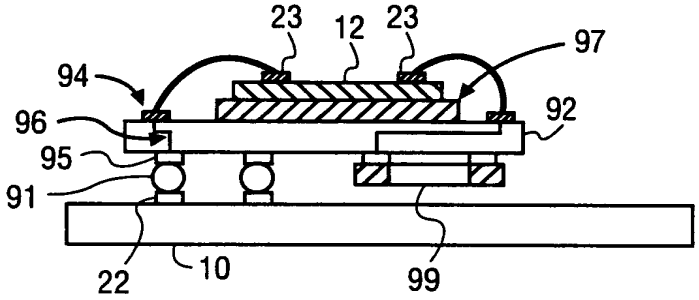


FIG. 9B

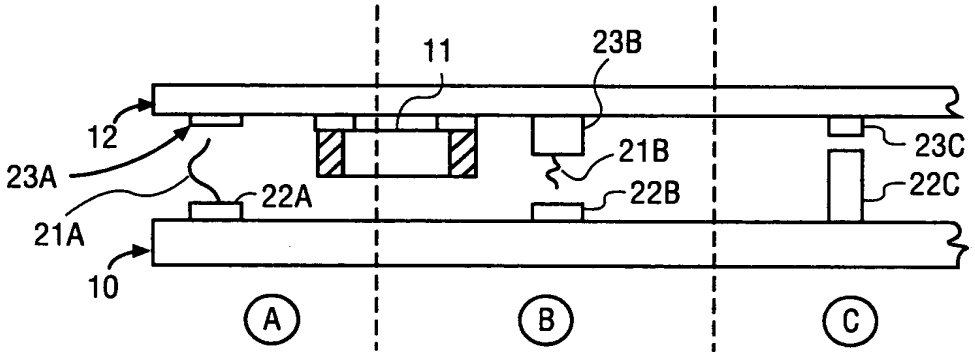


FIG. 10

OIPE JG184
SEP 15 2003
PATENT & TRADEMARK OFFICE

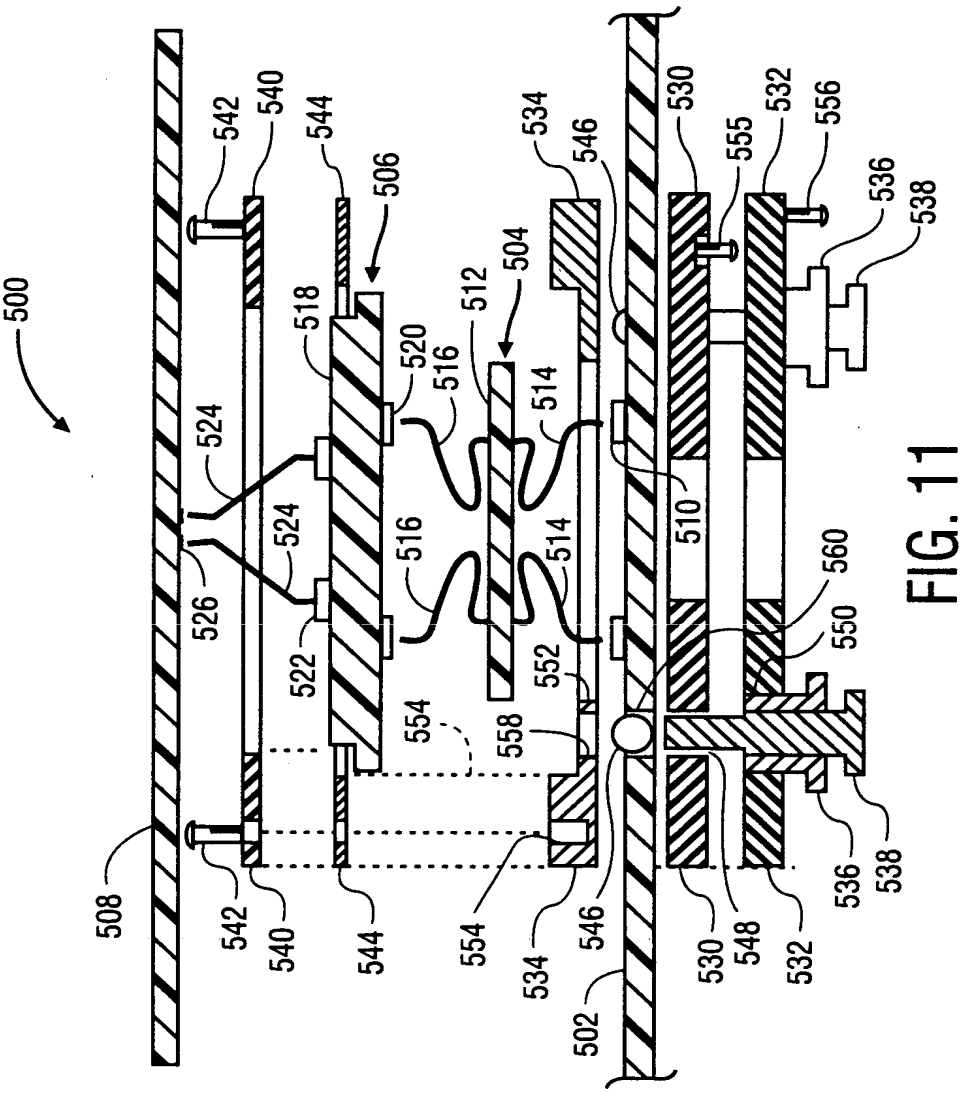


FIG. 11
(PRIOR ART)

OIPE
SEP 15 2003
PATENT & TRADEMARK

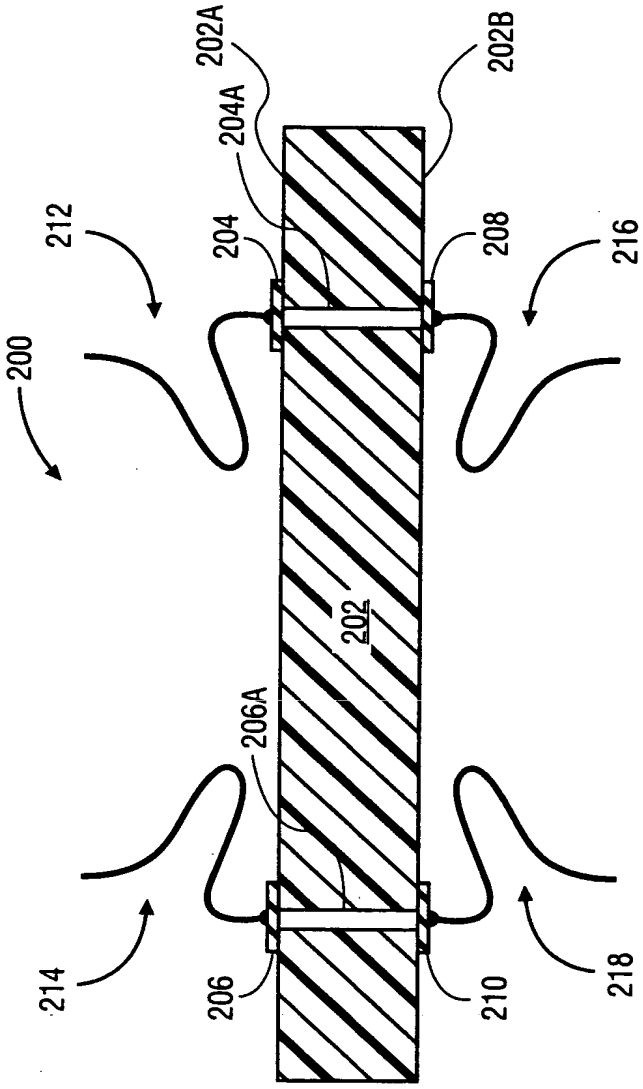


FIG. 12A
(PRIOR ART)

SEP 15 2003
PATENT & TRADEMARK OFFICE

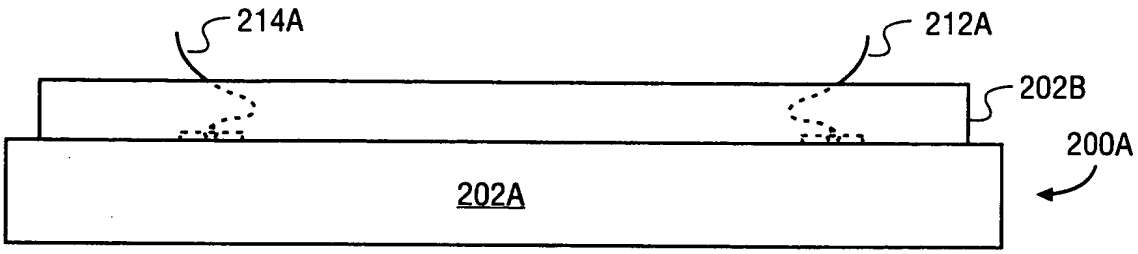


FIG. 12B
(PRIOR ART)

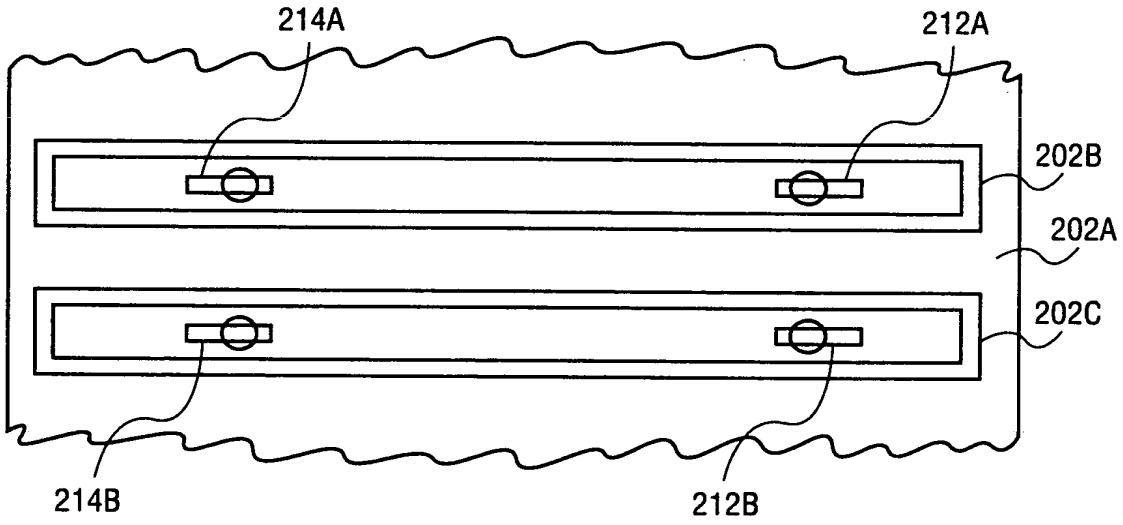


FIG. 12C
(PRIOR ART)

OIPE
SEP 15 2003
PATENT & TRADEMARK OFFICE

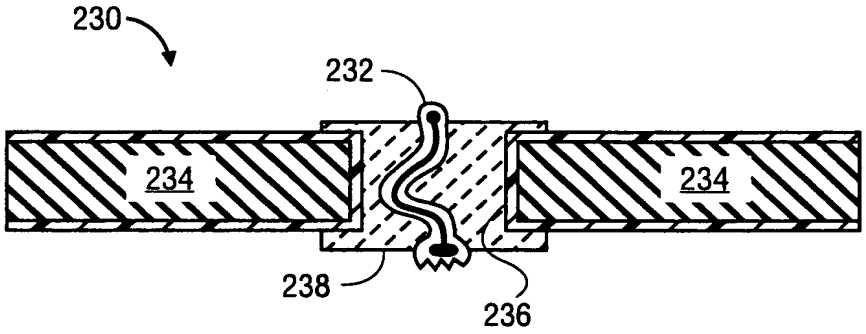


FIG. 13A
(PRIOR ART)

OIPE JC18
SEP 15 2003
PATENT & TRADEMARK OFFICE

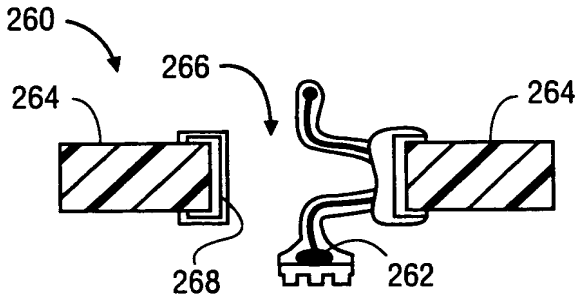


FIG. 13B
(PRIOR ART)

OIPE JC184
SEP 15 2003
PATENT & TRADEMARK OFFICE

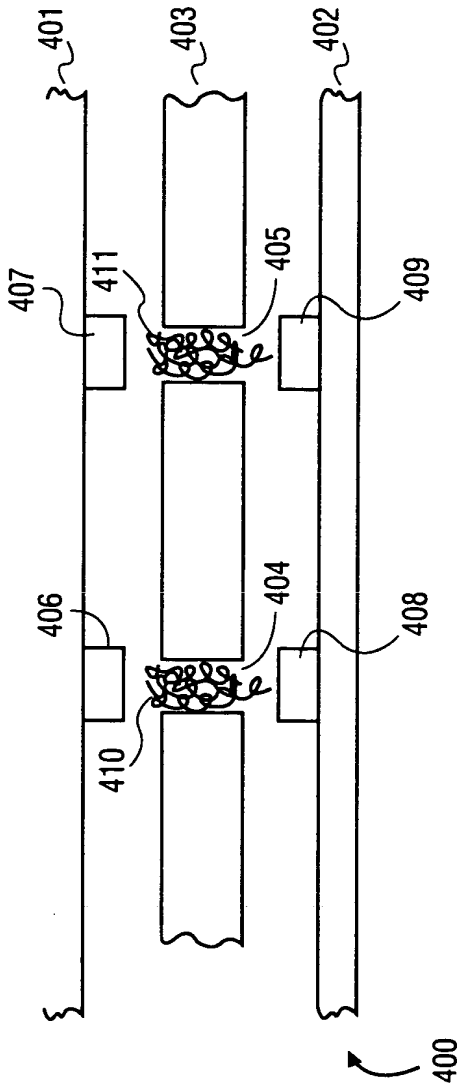


FIG. 14
(PRIOR ART)

OIPE
SEP 15 2003
PATENT & TRADEMARK OFFICE

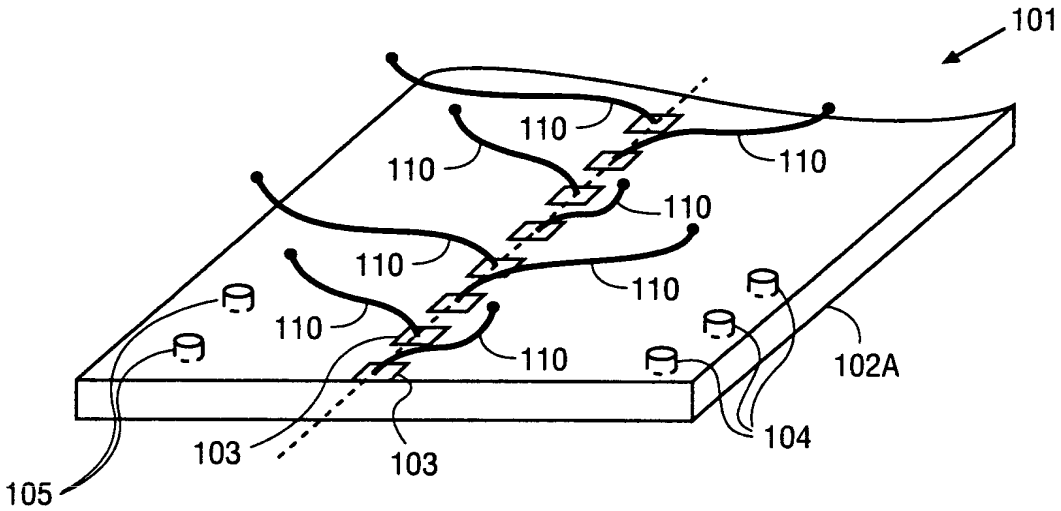


FIG. 15A

SEP 15 2003
PATENT & TRADEMARK OFFICE

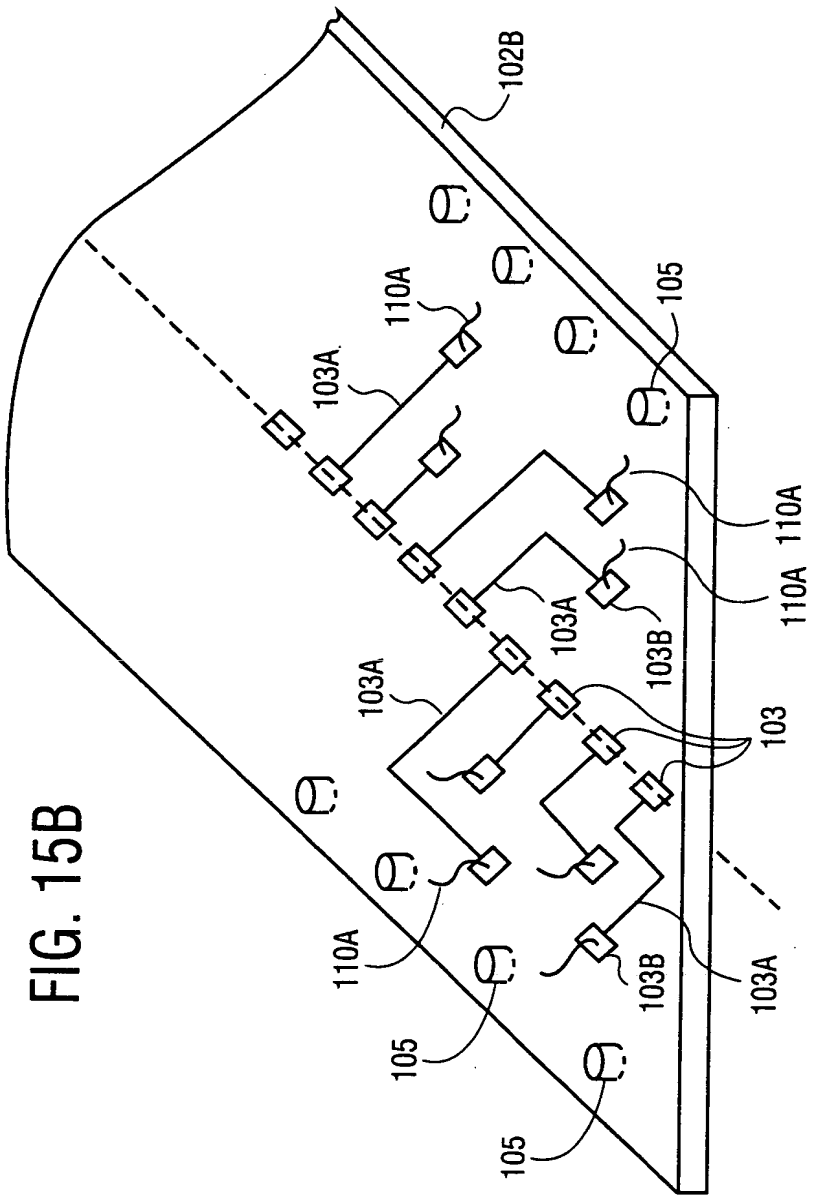


FIG. 15B

OIPE
SEP 15 2003
PATENT & TRADEMARK OFFICE

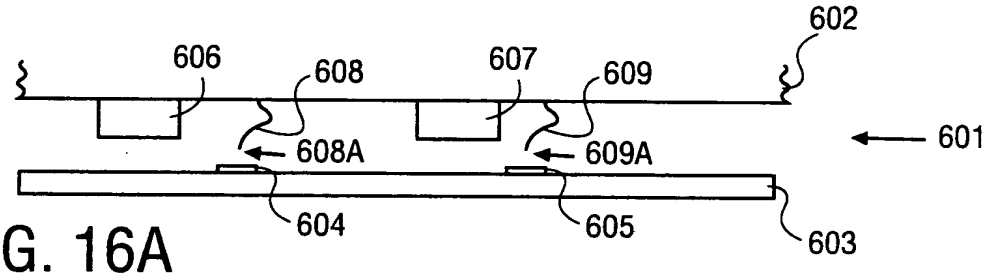


FIG. 16A

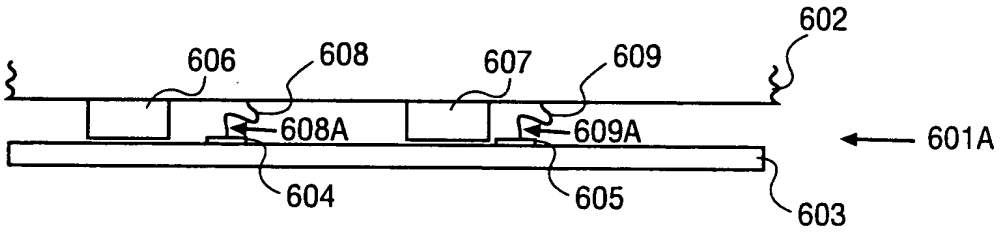


FIG. 16B

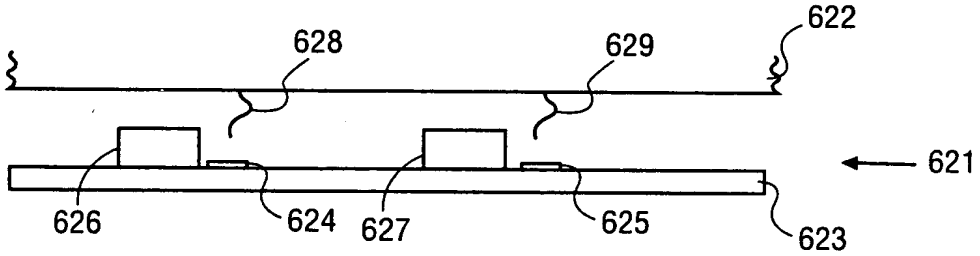


FIG. 17

O I P E JC184
SEP 1 5 2003
PATENT & TRADEMARK OFFICE

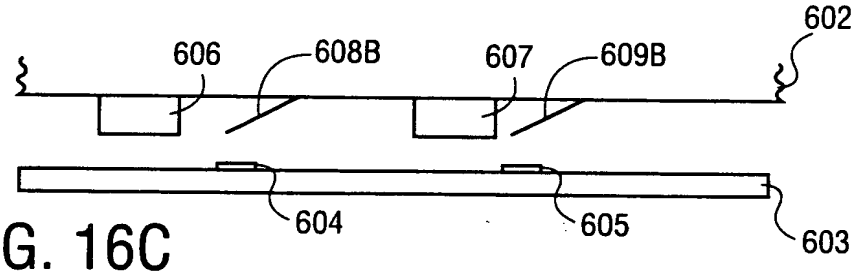


FIG. 16C

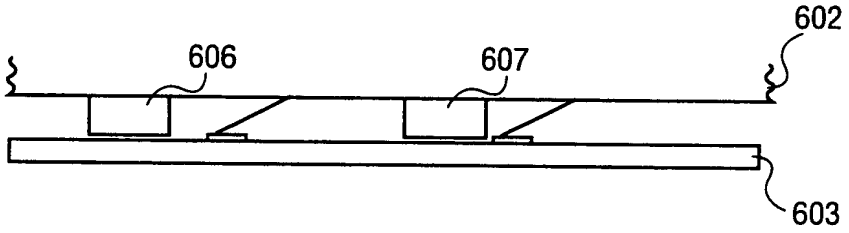


FIG. 16D

SEP 15 2003
PATENT & TRADEMARK OFFICE

FIG. 18A

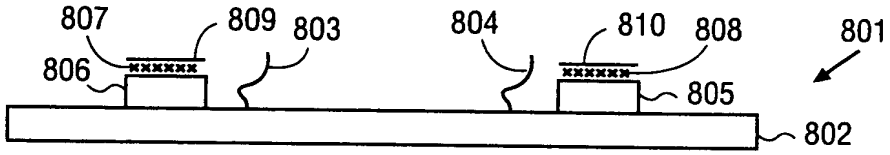
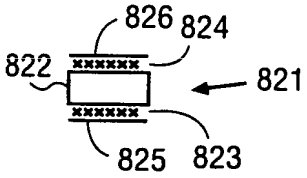


FIG. 18B



SEP 15 2003
PATENT & TRADEMARK OFFICE

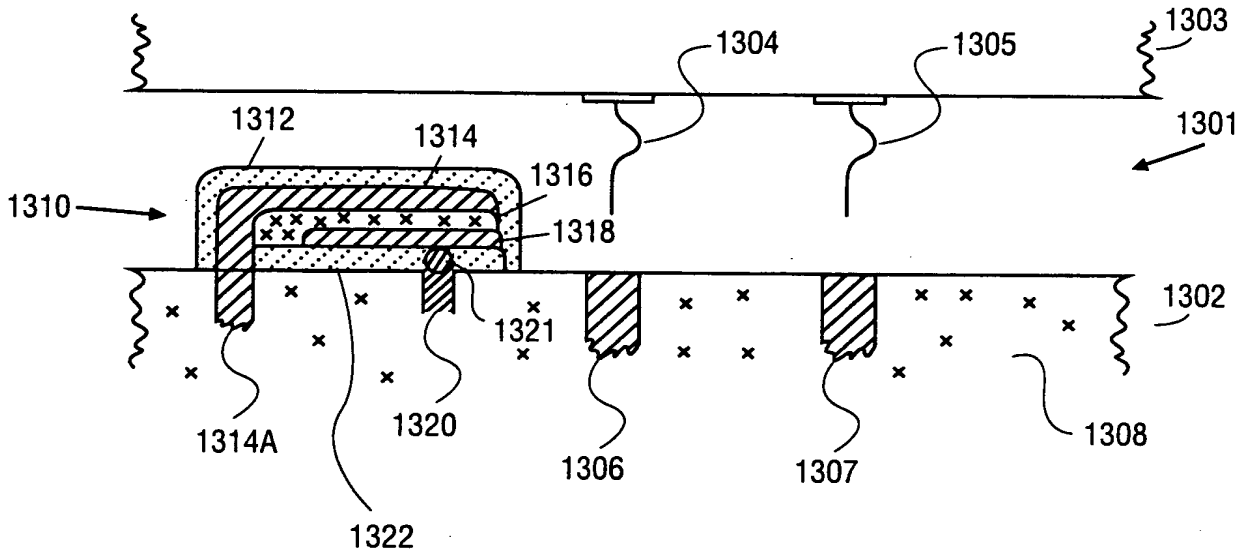


FIG. 19

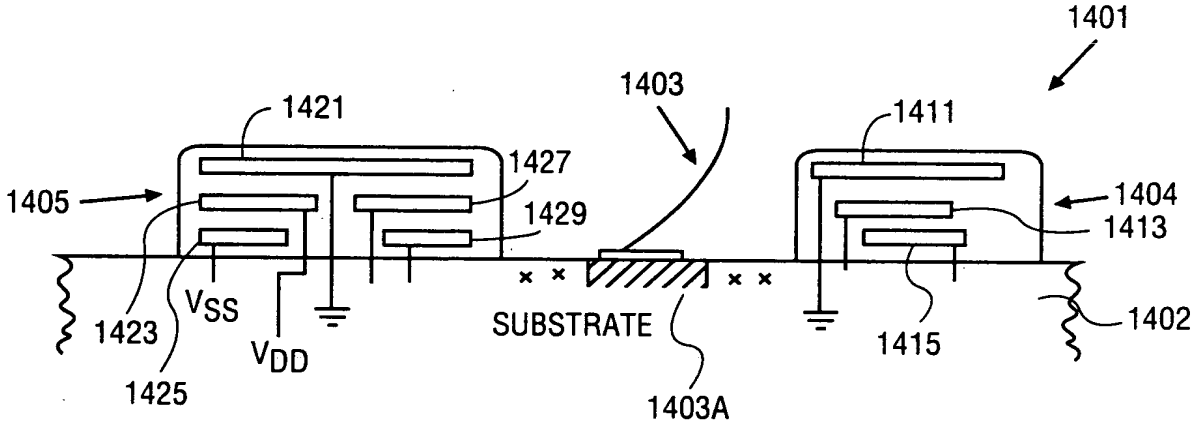


FIG. 20